


**Calscience**

**WORK ORDER NUMBER: 14-08-1493**
*The difference is service*


AIR | SOIL | WATER | MARINE CHEMISTRY

**Analytical Report For**
**Client: Malibu Unites**
**Client Project Name: MHS 2014-8**
**Attention:**

 22741 Pacific Coast Hwy, Suite 401  
 Malibu, CA 90265-5876



 Approved for release on 08/26/2014 by:  
 Don Burley  
 Project Manager

ResultLink &gt;

Email your PM &gt;



Eurofins Calscience, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.

7440 Lincoln Way Garden Grove CA 92641-1432 • TEL (714) 895-5494 • FAX (714) 894-7501 • www.calscience.com

NELAP ID: 032200A | ACLASS DoD ELAP ID: AD5-1864 | ISO/IEC 17025:2005 | CSOLAC ID: 10109 | SCACMD ID: 93EAD030

## Contents

---

Client Project Name: MHS 2014-8  
Work Order Number: 14-08-1493

1	Work Order Narrative. . . . .	3
2	Sample Summary. . . . .	4
3	Detections Summary. . . . .	5
4	Client Sample Data. . . . .	6
	4.1 EPA 8082 PCB Aroclors (Solid). . . . .	6
5	Quality Control Sample Data. . . . .	11
	5.1 MS/MSD. . . . .	11
	5.2 LCS/LCSD. . . . .	12
6	Sample Analysis Summary. . . . .	13
7	Glossary of Terms and Qualifiers. . . . .	14
8	Chain-of-Custody/Sample Receipt Form. . . . .	15



Calscience

**Work Order Narrative**

Work Order: 14-08-1493

Page 1 of 1

**Condition Upon Receipt:**

Samples were received under Chain-of-Custody (COC) on 08/20/14. They were assigned to Work Order 14-08-1493.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

**Holding Times:**

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of  $\leq 15$  minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

**Quality Control:**

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

**Additional Comments:**

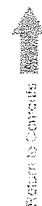
Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

New York NELAP air certification does not certify for all reported methods and analytes, reference the accredited items here: [http://www.calscience.com/PDF/New\\_York.pdf](http://www.calscience.com/PDF/New_York.pdf)

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.

**Subcontractor Information:**

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.





Calscience

## Sample Summary

---

Client: Malibu Unites	Work Order:	14-08-1493
22741 Pacific Coast Hwy, Suite 401	Project Name:	MHS 2014-8
Malibu, CA 90265-5876	PO Number:	
	Date/Time Received:	08/20/14 13:54
	Number of Containers:	6

---

Attn:

---

Sample Identification	Lab Number	Collection Date and Time	Number of Containers	Matrix
AIR DUCT GUY	14-08-1493-1	08/15/14 17:15	1	Solid
French-MHS	14-08-1493-2	08/15/14 15:35	1	Solid
401-MHS	14-08-1493-3	08/15/14 15:30	1	Solid
505-MHS	14-08-1493-4	08/15/14 15:30	1	Solid
7-MHS	14-08-1493-5	08/15/14 15:35	1	Solid
10-MHS	14-08-1493-6	08/15/14 15:15	1	Solid

Return to Customs



Calscience

# Detections Summary

Client: Malibu Unites  
22741 Pacific Coast Hwy, Suite 401  
Malibu, CA 90265-5876

Work Order: 14-08-1493  
Project Name: MHS 2014-8  
Received: 08/20/14

Attn:

Page 1 of 1

## Client SampleID

Analyte	Result	Qualifiers	RL	Units	Method	Extraction
AIR DUCT GUY (14-08-1493-1)						
Aroclor-1254	27		15	mg/kg	EPA 8082	EPA 3540C
Aroclor-1260	31		15	mg/kg	EPA 8082	EPA 3540C
Total Aroclors	58			mg/kg		
French-MHS (14-08-1493-2)						
Aroclor-1254	200		22	mg/kg	EPA 8082	EPA 3540C
401-MHS (14-08-1493-3)						
Aroclor-1254	120000		30000	mg/kg	EPA 8082	EPA 3540C
Aroclor-1260	26000		3000	mg/kg	EPA 8082	EPA 3540C
Total Aroclors	146000			mg/kg		
505-MHS (14-08-1493-4)						
Aroclor-1254	180000		18000	mg/kg	EPA 8082	EPA 3540C
Aroclor-1260	51000		18000	mg/kg	EPA 8082	EPA 3540C
Total Aroclors	231000			mg/kg		
7-MHS (14-08-1493-5)						
Aroclor-1254	190		64	mg/kg	EPA 8082	EPA 3540C
10-MHS (14-08-1493-6)						
Aroclor-1254	32		4.2	mg/kg	EPA 8082	EPA 3540C

Subcontracted analyses, if any, are not included in this summary.

\* MDL is shown



eurofins

Calscience

## Analytical Report

Malibu Unites  
22741 Pacific Coast Hwy, Suite 401  
Malibu, CA 90265-5876

Date Received: 08/20/14  
Work Order: 14-08-1493  
Preparation: EPA 3540C  
Method: EPA 8082  
Units: mg/kg

Project: MHS 2014-8

Page 1 of 5

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
AIR-DUCT GUY	14-08-1493-1-A	08/15/14 17:15	Solid	GC 31	08/21/14	08/24/14 01:54	140821L12A

Parameter	Result	RL	DF	Qualifiers
Aroclor-1016	ND	15	10.0	
Aroclor-1221	ND	15	10.0	
Aroclor-1232	ND	15	10.0	
Aroclor-1242	ND	15	10.0	
Aroclor-1248	ND	15	10.0	
Aroclor-1254	27	15	10.0	
Aroclor-1260	31	15	10.0	
Aroclor-1262	ND	15	10.0	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	97	24-168	
2,4,5,6-Tetrachloro-m-Xylene	100	25-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
French-MHS	14-08-1493-2-A	08/15/14 15:35	Solid	GC 31	08/21/14	08/24/14 02:13	140821L12A

Parameter	Result	RL	DF	Qualifiers
Aroclor-1016	ND	22	10.0	
Aroclor-1221	ND	22	10.0	
Aroclor-1232	ND	22	10.0	
Aroclor-1242	ND	22	10.0	
Aroclor-1248	ND	22	10.0	
Aroclor-1254	200	22	10.0	
Aroclor-1260	ND	22	10.0	
Aroclor-1262	ND	22	10.0	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	105	24-168	
2,4,5,6-Tetrachloro-m-Xylene	111	25-145	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

## Analytical Report

Malibu Unites  
22741 Pacific Coast Hwy, Suite 401  
Malibu, CA 90265-5876

Date Received: 08/20/14  
Work Order: 14-08-1493  
Preparation: EPA 3540C  
Method: EPA 8082  
Units: mg/kg

Project: MHS 2014-8

Page 2 of 5

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
401-MHS	14-08-1493-3-A	08/15/14 15:30	Solid	GC 31	08/21/14	08/25/14 15:16	140821L12A

Parameter	Result	RL	DF	Qualifiers
Aroclor-1016	ND	30	50.0	
Aroclor-1221	ND	30	50.0	
Aroclor-1232	ND	30	50.0	
Aroclor-1242	ND	30	50.0	
Aroclor-1248	ND	30	50.0	
Aroclor-1262	ND	30	50.0	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	252	24-168	1,2,7
2,4,5,6-Tetrachloro-m-Xylene	107	25-145	

401-MHS	14-08-1493-3-A	08/15/14 15:30	Solid	GC 31	08/21/14	08/25/14 16:26	140821L12A
---------	----------------	----------------	-------	-------	----------	----------------	------------

Parameter	Result	RL	DF	Qualifiers
Aroclor-1260	26000	3000	5000	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	0	24-168	1,2,6
2,4,5,6-Tetrachloro-m-Xylene	0	25-145	1,2,6

401-MHS	14-08-1493-3-A	08/15/14 15:30	Solid	GC 31	08/21/14	08/25/14 17:04	140821L12A
---------	----------------	----------------	-------	-------	----------	----------------	------------

Parameter	Result	RL	DF	Qualifiers
Aroclor-1254	120000	30000	50000	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	0	24-168	1,2,6
2,4,5,6-Tetrachloro-m-Xylene	0	25-145	1,2,6

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

## Analytical Report

Malibu Unites  
22741 Pacific Coast Hwy, Suite 401  
Malibu, CA 90265-5876

Date Received: 08/20/14  
Work Order: 14-08-1493  
Preparation: EPA 3540C  
Method: EPA 8082  
Units: mg/kg

Project: MHS 2014-8

Page 3 of 5

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
505-MHS	14-08-1493-4-A	08/15/14 15:30	Solid	GC 31	08/21/14	08/25/14 16:35	140821L12A

Parameter	Result	RL	DF	Qualifiers
Aroclor-1016	ND	18	50.0	
Aroclor-1221	ND	18	50.0	
Aroclor-1232	ND	18	50.0	
Aroclor-1242	ND	18	50.0	
Aroclor-1248	ND	18	50.0	
Aroclor-1262	ND	18	50.0	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	798	24-168	1,2,7
2,4,5,6-Tetrachloro-m-Xylene	130	25-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
505-MHS	14-08-1493-4-A	08/15/14 15:30	Solid	GC 31	08/21/14	08/25/14 17:23	140821L12A

Parameter	Result	RL	DF	Qualifiers
Aroclor-1254	180000	18000	50000	
Aroclor-1260	51000	18000	50000	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	0	24-168	1,2,6
2,4,5,6-Tetrachloro-m-Xylene	0	25-145	1,2,6

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Calscience



Calscience

## Analytical Report

Malibu Unites  
22741 Pacific Coast Hwy, Suite 401  
Malibu, CA 90265-5876

Date Received: 08/20/14  
Work Order: 14-08-1493  
Preparation: EPA 3540C  
Method: EPA 8082  
Units: mg/kg

Project: MHS 2014-8

Page 4 of 5

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
7-MHS	14-08-1493-5-A	08/15/14 15:35	Solid	GC 31	08/21/14	08/24/14 03:10	140821L12A

Parameter	Result	RL	DF	Qualifiers
Aroclor-1016	ND	64	100	
Aroclor-1221	ND	64	100	
Aroclor-1232	ND	64	100	
Aroclor-1242	ND	64	100	
Aroclor-1248	ND	64	100	
Aroclor-1254	190	64	100	
Aroclor-1260	ND	64	100	
Aroclor-1262	ND	64	100	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	146	24-168	
2,4,5,6-Tetrachloro-m-Xylene	131	25-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
10-MHS	14-08-1493-6-A	08/15/14 15:15	Solid	GC 31	08/21/14	08/24/14 03:29	140821L12A

Parameter	Result	RL	DF	Qualifiers
Aroclor-1016	ND	4.2	10.0	
Aroclor-1221	ND	4.2	10.0	
Aroclor-1232	ND	4.2	10.0	
Aroclor-1242	ND	4.2	10.0	
Aroclor-1248	ND	4.2	10.0	
Aroclor-1254	32	4.2	10.0	
Aroclor-1260	ND	4.2	10.0	
Aroclor-1262	ND	4.2	10.0	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	112	24-168	
2,4,5,6-Tetrachloro-m-Xylene	108	25-145	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

## Analytical Report

Malibu Unites  
22741 Pacific Coast Hwy, Suite 401  
Malibu, CA 90265-5876

Date Received: 08/20/14  
Work Order: 14-08-1493  
Preparation: EPA 3540C  
Method: EPA 8082  
Units: mg/kg

Project: MHS 2014-8

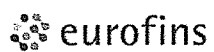
Page 5 of 5

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	099-12-535-2819	N/A	Solid	GC 31	08/21/14	08/23/14 11:46	140821L12A

Parameter	Result	RL	DF	Qualifiers
Aroclor-1016	ND	0.050	1.00	
Aroclor-1221	ND	0.050	1.00	
Aroclor-1232	ND	0.050	1.00	
Aroclor-1242	ND	0.050	1.00	
Aroclor-1248	ND	0.050	1.00	
Aroclor-1254	ND	0.050	1.00	
Aroclor-1260	ND	0.050	1.00	
Aroclor-1262	ND	0.050	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	109	24-168	
2,4,5,6-Tetrachloro-m-Xylene	112	25-145	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

## Quality Control - Spike/Spike Duplicate

Malibu Unites  
22741 Pacific Coast Hwy, Suite 401  
Malibu, CA 90265-5876

Date Received: 08/20/14  
Work Order: 14-08-1493  
Preparation: EPA 3540C  
Method: EPA 8082

Project: MHS 2014-8

Page 1 of 1

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
14-08-1637-3	Sample	Solid	GC 31	08/21/14	08/23/14 19:14	140821S12
14-08-1637-3	Matrix Spike	Solid	GC 31	08/21/14	08/24/14 05:23	140821S12
14-08-1637-3	Matrix Spike Duplicate	Solid	GC 31	08/21/14	08/24/14 05:42	140821S12

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Aroclor-1016	ND	0.1000	0.2558	256	0.2724	272	50-135	6	0-25	3
Aroclor-1260	0.1280	0.1000	0.1530	25	0.1727	45	50-135	12	0-25	3

RPD: Relative Percent Difference. CL: Control Limits



Calscience

## Quality Control - LCS

Malibu Unites  
22741 Pacific Coast Hwy, Suite 401  
Malibu, CA 90265-5876

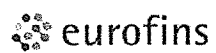
Date Received: 08/20/14  
Work Order: 14-08-1493  
Preparation: EPA 3540C  
Method: EPA 8082

Project: MHS 2014-8

Page 1 of 1

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-12-535-2819	LCS	Solid	GC-31	08/21/14	08/23/14 11:27	140821L12A
Parameter	Spike Added		Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
Aroclor-1016	0.1000		0.1010	101	50-135	
Aroclor-1260	0.1000		0.1052	105	50-135	

RPD: Relative Percent Difference. CL: Control Limits



Calscience

## Sample Analysis Summary Report

Work Order: 14-08-1493

Page 1 of 1

<u>Method</u>	<u>Extraction</u>	<u>Chemist ID</u>	<u>Instrument</u>	<u>Analytical Location</u>
EPA 8082	EPA 3540C	669	GC 31	1

Location 1: 7440 Lincoln Way, Garden Grove, CA 92841

## Glossary of Terms and Qualifiers

Work Order: 14-08-1493

Page 1 of 1

Qualifiers	Definition
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
1	Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.
4	The MS/MSD RPD was out of control due to suspected matrix interference.
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference.
6	Surrogate recovery below the acceptance limit.
7	Surrogate recovery above the acceptance limit.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
BV	Sample received after holding time expired.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
HD	The chromatographic pattern was inconsistent with the profile of the reference fuel standard.
HDH	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected).
HDL	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected).
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
JA	Analyte positively identified but quantitation is an estimate.
ME	LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean).
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
SG	The sample extract was subjected to Silica Gel treatment prior to analysis.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of ≤ 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.



1493



CENTURY CITY (310) 553-6100  
 HOLLYWOOD (323) 879-3000  
 SHERMAN OAKS (818) 786-4444  
 DOWNTOWN L.A. (213) 486-5000  
 24 HOURS - 7 DAYS A WEEK

DATE

8/20/14

YOUR FILE OR  
REF. NO.SERVICE  
ORDER NO.

4665

SERVING ALL OF CALIFORNIA

CHARGE TO:		ADDRESS:		ACCOUNT NO.	
PICKUP FROM:		DELIVER TO:		3019	
ADDRESS		ADDRESS		Eurofins CalScience	
CITY		CITY		7440 Lincoln Way	
ZIP		ZIP		Garden Grove 92841	
SENDER'S NAME		RECEIVER'S NAME		TEL NO. DEPT.	
EXT. NO. DEPT.					
EXPRESS (IMMEDIATE) <input checked="" type="checkbox"/>	RUSH (2-3 HRS.) <input type="checkbox"/>	RETURN <input type="checkbox"/>	OTHER <input type="checkbox"/>	OVERNIGHT	
COURT FILING <input type="checkbox"/>	MAIN FILING WINDOW <input type="checkbox"/>	DEPT. NO.	MAIL BACK CONFIRMED COPY <input type="checkbox"/>	SERVING <input type="checkbox"/>	RECORDING <input type="checkbox"/>
				BY 11 AM <input type="checkbox"/>	BY 3 PM <input type="checkbox"/>
				BANK DEPOSIT <input type="checkbox"/>	
NO. PKG.					
DESCRIPTION AND SPECIAL INSTRUCTIONS					
Malibu High School (MHS)					
SIGNATURE ON RETURN X		DEL. TIME	MESSENGER #		DELIVERY CHARGE
SIGNATURE ON DELIVERY X		DEL. TIME	TOTAL		

Calscience

WORK ORDER #: 14-08-1493

# SAMPLE RECEIPT FORM

Box 1 of 1

CLIENT: Malibu Unites

DATE: 08/20/14

TEMPERATURE: Thermometer ID: SC1 (Criteria: 0.0°C – 6.0°C, not frozen except sediment/tissue)

Temperature 24.8 °C - 0.3°C (CF) = 24.5 °C ☐ Blank ☒ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: \_\_\_\_\_)

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

☐ Received at ambient temperature, placed on ice for transport by Courier.

Ambient Temperature: ☐ Air ☐ Filter

Checked by: 862

## CUSTODY SEALS INTACT:

☐ Box ☐ \_\_\_\_\_ ☐ No (Not Intact) ☒ Not Present ☐ N/A Checked by: 862

☐ Sample ☐ \_\_\_\_\_ ☐ No (Not Intact) ☒ Not Present Checked by: 862

## SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody (COC) document(s) received with samples.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COC document(s) received complete.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

☒ Collection date/time, matrix, and/or # of containers logged in based on sample labels.

☐ No analysis requested. ☐ Not relinquished. ☐ No date/time relinquished.

Sampler's name indicated on COC.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
--------------------------------------	--------------------------	-------------------------------------	--------------------------

Sample container label(s) consistent with COC.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
--	-------------------------------------	--------------------------	--------------------------

Sample container(s) intact and good condition.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
--	-------------------------------------	--------------------------	--------------------------

Proper containers and sufficient volume for analyses requested.....	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
---	-------------------------------------	-------------------------------------	--------------------------

Analyses received within holding time.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
--	-------------------------------------	--------------------------	--------------------------

Aqueous samples received within 15-minute holding time

<input type="checkbox"/> pH <input type="checkbox"/> Residual Chlorine <input type="checkbox"/> Dissolved Sulfides <input type="checkbox"/> Dissolved Oxygen.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
---	--------------------------	--------------------------	-------------------------------------

Proper preservation noted on COC or sample container.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
---	--------------------------	--------------------------	-------------------------------------

☐ Unpreserved vials received for Volatiles analysis

Volatile analysis container(s) free of headspace.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
---	--------------------------	--------------------------	-------------------------------------

Tedlar bag(s) free of condensation.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
---	--------------------------	--------------------------	-------------------------------------

## CONTAINER TYPE:

Solid: ☐ 4ozCGJ ☐ 8ozCGJ ☐ 16ozCGJ ☐ Sleeve (\_\_\_\_) ☐ EnCores® ☐ TerraCores® ☒ 16ozCGJ (tail)

Aqueous: ☐ VOA ☐ VOA<sub>h</sub> ☐ VOA<sub>na2</sub> ☐ 125AGB ☐ 125AGB<sub>h</sub> ☐ 125AGB<sub>p</sub> ☐ 1AGB ☐ 1AGB<sub>na2</sub> ☐ 1AGB<sub>s</sub>
☐ 500AGB ☐ 500AGJ ☐ 500AGJ<sub>s</sub> ☐ 250AGB ☐ 250CGB ☐ 250CGB<sub>s</sub> ☐ 1PB ☐ 1PB<sub>na</sub> ☐ 500PB

☐ 250PB ☐ 250PB<sub>n</sub> ☐ 125PB ☐ 125PB<sub>znna</sub> ☐ 100PJ ☐ 100PJ<sub>na2</sub> ☐ \_\_\_\_\_ ☐ \_\_\_\_\_ ☐ \_\_\_\_\_

Air: ☐ Tedlar® ☐ Canister Other: ☐ \_\_\_\_\_ Trip Blank Lot#: \_\_\_\_\_ Labeled/Checked by: 862

Container: C: Clear A: Amber P: Plastic G: Glass J: Jar B: Bottle Z: Ziploc/Resealable Bag E: Envelope Reviewed by: 778

Preservative: h: HCL n: HNO<sub>3</sub> na<sub>2</sub>: Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub> na: NaOH p: H<sub>3</sub>PO<sub>4</sub> s: H<sub>2</sub>SO<sub>4</sub> u: Ultra-pure znna: ZnAc<sub>2</sub>+NaOH f: Filtered Scanned by: 778



Calscience

WORK ORDER #: 14-08-7493

## SAMPLE ANOMALY FORM

**SAMPLES - CONTAINERS & LABELS:**

Comments:

- ☐ Sample(s) NOT RECEIVED but listed on COC  
☐ Sample(s) received but NOT LISTED on COC  
☐ Holding time expired – list sample ID(s) and test  
☒ Insufficient quantities for analysis – list test  
☐ Improper container(s) used – list test  
☐ Improper preservative used – list test  
☐ No preservative noted on COC or label – list test & notify lab  
☐ Sample labels illegible – note test/container type  
☐ Sample label(s) do not match COC – Note in comments
- ☐ Sample ID  
☐ Date and/or Time Collected  
☐ Project Information  
☐ # of Container(s)  
☐ Analysis
- ☐ Sample container(s) compromised – Note in comments
- ☐ Water present in sample container  
☐ Broken
- ☐ Sample container(s) not labeled  
☐ Air sample container(s) compromised – Note in comments
- ☐ Flat  
☐ Very low in volume  
☐ Leaking (Not transferred - duplicate bag submitted)  
☐ Leaking (transferred into Calscience Tedlar® Bag\*)  
☐ Leaking (transferred into Client's Tedlar® Bag\*)
- ☐ Other: \_\_\_\_\_

(-1) to (-6)

**HEADSPACE – Containers with Bubble > 6mm or ¼ inch:**

Sample #	Container ID(s)	# of Vials Received	Sample #	Container ID(s)	# of Vials Received	Sample #	Container ID(s)	# of Cont. received	Analysis

Comments: \_\_\_\_\_

\*Transferred at Client's request.

Initial / Date: 862 08/20/14